

What Is Claimed Is:

1. An illuminatable golf ball comprising:  
 an outer translucent shell having an opening therein;  
 an inner core portion surrounded by the outer shell, the inner core having a  
 5 bore therein in alignment with the opening in the outer shell;  
 a self-contained lighting device contained at least in part within the inner core  
 portion, the lighting device including an energy source, at least one lighting element,  
 and at least two connectors extending between the energy source and the at least one  
 lighting element defining an electrical circuit having a deenergized state and an  
 10 energized state for providing electrical energy from the energy source to the at least  
 one lighting device, at least one of the connectors being flexible and separable from  
 the energy source, at least a portion of the at least one flexible connector being  
 positioned within the inner core bore; and  
 a plunger configured for insertion into the bore,  
 15 wherein when the plunger is inserted into the bore between the energy source  
 and the at least one flexible connector to change the state of the electrical circuit from  
 one of the energized state to the deenergized state and the deenergized state to the  
 energized state.
- 20 2. The illuminatable golf ball in accordance with claim 1 wherein the  
 plunger is at least in part electrically non-conductive and wherein when the plunger is  
 removed from the bore, the at least one flexible connector contacts the energy source  
 and closes the electrical circuit to change the state of the circuit from the deenergized  
 state to the energized state.
- 25 3. The illuminatable golf ball in accordance with claim 1 wherein the  
 plunger is at least in part electrically conductive and wherein when the plunger is  
 inserted into the bore, the plunger, completes the electrical circuit to change the state  
 of the electrical circuit from the deenergized state to the energized state.
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4. The illuminatable golf ball in accordance with claim 1 wherein the energy source is a battery.

5. The illuminatable golf ball in accordance with claim 4 wherein the battery is a button-type battery.

6. The illuminatable golf ball in accordance with claim 1 wherein the lighting device includes two lighting elements and wherein the lighting device includes two connectors, at least one of the connectors being a flexible connector that is positioned adjacent to and separable from the energy source.

7. The illuminatable golf ball in accordance with claim 2 wherein the entirety of the plunger is formed of an electrically non-conductive material.

8. The illuminatable golf ball in accordance with claim 3 wherein the entirety of the plunger is formed of an electrically conductive material.

9. The illuminatable golf ball in accordance with claim 1 wherein the inner core portion is formed of polyurethane.

10. The illuminatable golf ball in accordance with claim 1 wherein the outer shell is formed of polyurethane.

11. The illuminatable golf ball in accordance with claim 1 wherein the outer shell is formed with dimples.

12. The illuminatable golf ball in accordance with claim 6 wherein the two lighting elements are connected in the electrical circuit in parallel.

13. A method for making an illuminatable golf ball comprising the steps of:

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source;

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envelope the inner core portion.

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[illegible]

When the  
is illumi  
is not ill

~~The illuminator is fully sealed.~~

aim 17

~~The Illuminatable golf includes a timer that d time of actuation.~~

add  $a^2$

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